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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/342,949	06/29/1999	THOMAS A. MYERS	D/99262	7326

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EXAMINER

TRAN, DOUGLAS Q

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 07/03/2002

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/342,949

Applicant(s)

MYERS ET AL

Examiner

Douglas Q. Tran

Art Unit

2624

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-19 is/are allowed.
- 6) ☒ Claim(s) 1-9 and 20-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 6/29/99 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 2.
- 4) ☐ Interview Summary (PTO-413) Paper No(s) ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-9 and 20-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of (US Patent No. 6,344,859 B1) and Aiello, Jr. et al. (US Patent No. 6,337,745 B1).

As to claim 1, Alimpich teaches GUI (fig. 4) for providing job tickets and print job information comprising:

A depiction of a pathway window (53 in fig. 4) including a print queue icon (i.e., queue 1 or 2 in 53 of fig. 5);

A depiction of a printer status window (51 in fig. 5) including a printer icon (in 51 indicates a plurality of printer icon in fig. 4).

A displaying window (38 in fig. 1) displaying the status of jobs, status of printers based on the each queue icon (in fig. 3, col. 5, lines 40-43).

However, Alimpich does not explicitly teaches a display unit displaying a job ticket for each print job by selecting the print queue icon, each job ticket is associated with a job ticket icon indicating whether there are sufficient resources to complete the print job associated with

the job ticket; and the display unit displaying print job information associated with each job ticket by selecting one of the job ticket icons.

Aiello, in the same field of endeavor, teaches a display unit displaying a job ticket (198 in fig. 25) for each print job by selecting the print queue icon (i.e., report queue AWM3GB-JOB00124 in fig. 25), each job ticket is associated with a job ticket icon (i.e., report ticket) indicating whether there are sufficient resources to complete the print job associated with the job ticket; and the display unit displaying print job information associated with each job ticket by selecting one of the job ticket icons (in fig. 25, col. 8, lines 44-48).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the displaying system of Alimpich for displaying a job information by selecting the job ticket icon as taught by Aiello. The suggestion for modifying the displaying unit of Alimpich can be reasoned by one of ordinary skill in the art as set forth by Aiello because Aiello provides the printing system in which the control displaying window displaying more options including an icon of job ticket for displaying the job information. The resultant of the both systems would allow the user to keep track the print job whether completes or not.

As to claim 9, Aiello teaches the printer status window further comprises a multiuse job progress indicator, including total time, elapsed time, and time remaining for a current print job (see 198 in fig. 25).

3. Claims 2-8 and 20-25 are rejected under 35 U.S.C. 103(a) as being unpatentable over the combination of Alimpich and Aiello in view of Manglapus et al. (US Patent No. 6,219,151 B1).

As to claims 2-4, the combination of Alimpich and Aiello teaches every feature in claim 1.

However, the combination of Alimpich and Aiello does not explicitly teaches the print job information comprises required stock information, finishing information and resources information.

Manglapus teaches the print job information comprises required stock information, finishing information and resources information (col. 10, lines 26-29).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the displaying of either Alimpich or Aiello for displaying the status of the print job including stock, finishing and resources information as taught by Manglapus. The suggestion for modifying the system of Alimpich or Aiello can be reasoned by one of ordinary skill in the art as set forth by Manglapus because Manglapus provides the printing system which allows a user to keep track the status of the printer because any status of the print engine is reported to the user computer.

As to claims 5-8, the combination of Alimpich and Aiello teaches every feature in claim 1.

However, the combination of Alimpich and Aiello does not explicitly teaches the print engine information including an insufficient toner levels is displayed by selecting a print engine icon.

Although neither Alimpich nor Aiello teach the print engine icon for displaying status of contents in the print engine, such limitation is merely a matter of design choice and would have

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been obvious in the system of either Alimpich nor Aiello. Alimpich teaches a printer icon is selected for status of the printer (status of printer of fig. 3), and it would be understood that a printer would include the print engine and the status of printer would include status of the print engine. Therefore, to have the print engine icon in the window for displaying the print engine status in the combination of Alimpich and Aiello would have been a matter of obvious design choice to one of ordinary skill in the art. Furthermore, Manglapus teaches the status of the printer engine including insufficient toner level is reported and displayed to the user (col. 10, lines 26-29).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify the displaying of either Alimpich or Aiello to have a print engine icon for displaying the status of the print engine including the insufficient toner level as taught by Manglapus. The suggestion for modifying the system of Alimpich or Aiello can be reasoned by one of ordinary skill in the art as set forth by Manglapus because Manglapus provides the printing system which allows a user to keep track the status of the printer because any status of the print engine is reported to the user computer.

As to claims 20-25, the combination of Alimpich, Aiello and Manglapus teach the methods are performed by the apparatus claims 1-6 as indicated above.

Allowable Subject Matter

4. Claims 10-19 are allowed.

Claims 10 and 15 are independent claims.

The following is an examiner's statement of reasons for allowance:

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As to claims 10 and 15, the prior arts, taken either singly or in combination, does not teach a print engine system having a plurality of exposure units including a first exposure unit exposing a photoconductive belt to create an electrostatic latent image based on the received image data at the direction of the system controller; and a fuser assembly receiving the support material from the transfer unit and permanently affixing the toner to the sheet of support material, and a cleaning unit cleaning the photoreceptor belt.

Contact Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Douglas Q. Tran whose telephone number is (703) 305-4857 or E-mail address is Douglas.tran@uspto.gov.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 305-4700.

Douglas Q. Tran
June 29, 2002



JOSEPH MANCUSO
PRIMARY EXAMINER